

**METHODS AND APPARATUS FOR DATA STREAM  
CLUSTERING FOR ABNORMALITY MONITORING**

**Abstract of the Disclosure**

5 Techniques for monitoring abnormalities in a data stream are provided. A plurality of objects are received from the data stream and one or more clusters are created from these objects. At least a portion of the one or more clusters have statistical data of the respective cluster. It is determined from the statistical data whether one or more abnormalities exist in the data stream.